

BERENBEYM, D., kandidat geograficheskikh nauk

The Tuzla washout. Vokrug sveta no.5:16 My '55. (MLRA 8:6)
(Tuzla Island) (Kerch Straits--Ocean currents)

ZVEREV, A. A., AND BERENBEYM, D. YA.

Computation and Correction of the Horizons of Submersion of Bathometers

The insufficiencies of the procedure for computing the horizons according to the tables of A. I. Kireyev are the complexities and tremendousness of the computations, which must be carried out aboard ship, and also the impossibility of assigning all bathometers to standard horizons. The authors propose to simplify and make more precise the existing method of computing horizons. (RZhGeol, No. 5, 1955) Uch. zap. Vyssh. arkt. mor. uchilishcha, No. 5, 1954, 204-211

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

BereNBeym, Dya

USSR/ Biology - Marine life

Card 1/1 Pub. 26 - 23/36

Authors : Berenbeym, D. Ya., Cand. of Geogr. Sc.

Title : Jellyfish (Medusa) in the Black Sea

Periodical : Priroda 2, 109-110, Feb 1954

Abstract : Data are presented regarding the life cycles (summer and winter habits) of jellyfish (*Aurelia aurita*), usually observed in large numbers in the Black Sea along the north Caucasian shores. Drawings.

Institution : The Azov-Black Sea Scientific Research Institute of Sea Fish Economy and Oceanography

Submitted :

BERENBAUM, S. M.

- 591 ALIVERDIYEV, A. A. i EERENBAUM, S. M. Ratsional'nyye sroki immunizatsii ovets protiv sibirskoy yazvy. Makhachkala, Dagknigoizdat, 1954. 6 s. 20 sm. (M-vo sel'skogo khozyaystva Dagest. ASSR. Upr. s.-kh. propagandy i nauki-Dagest. resp. s-kh Vystavka). 1.000 ekz. Bespl- /54-54418/ p 619.3: /616.956: 615.37

SO: Knizhnaya Letopis, Vol. 1, 1955

BEREANU, B.; THEODORESCU, R.

"Mathematical methods in the social sciences, 1959" by Kenneth J. Arrow, Samuel Karlin, Patrik Suppes. Reviewed by B.Bereanu, R.Theodorescu. Rev math pures 8 no.4:708-712 '63.

RUMANIA/General Problems of Pathology Tumors. Comparative
Oncology. Human Neoplasms.

U.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 89619
Author : Beren, L., Burlin, D., Rosenber, A., Kerpel, L.
Inst : "
Title : Leiomyoma of the Stomach.
Orig Pub : Chirurgia, 1957, 6, No 6, 887-889.
Abstract : No abstract.

Card 1/1

Reflex influence from the stomach on the lymph circulation in
the thoracic region.

Reflex influence from the stomach on the lymph circulation in
the thoracic region. Vest. JN Kuznetsov, 1954, no. 5, 51-52, 1 p. 13.
1954, 1954

BEREMZHANOVA, I.A.

Urinary tract interoceptive effects on lymph circulation in ontogenesis.
Biol. eksp. biol. med. 47 no.5:15-18 My '59. (MIRA 12:7)

1. Iz kafedry normal'noy fiziologii (zav. - akademik AN Kazakhskoy SSR
A.P. Polosukhin) Kazakhskogo gosudarstvennogo meditsinskogo instituta,
Alma-Ata. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Parinym.

(URINARY TRACT, physiol.
eff. of interoceptive stimulation on lymph circ. (rus))
(LYMPH,
circ., eff. of interoceptive urinary stimulation (rus))

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1731. REFLEXES FROM THE INTESTINE ON THE LYMPH FLOW IN ONTO-
GENESIS (Russian text) - Beremzhanova I. A. - BYULL. EKSPER.
BIOL. I MED. 1958, 46/7 (24-26) Graphs 2
Experiments were performed on 30 puppies. It was shown that the reflex regulation
of lymph circulation depended on age. Stimulation of gastric mechanoreceptors caused
no change of lymph flow in puppies up to 14 days, but in puppies older than 14 days
an increased lymph flow was noted on stimulation of the intestinal mechanoreceptors.
(11, 6, 8*)

BEREMZHANOVA, I.A.

Extero- and interoceptive influences on the lymph circulation in
ontogeny. Trudy Inst. fiziol. AN Kazakh. S.S.R. no.6:268-424 '65.
(MIRA 18:5)

BEREMZHANOV, B.A.

Physicochemical characteristics of the sulfate lake Karashygan-1.
Izv. AN Kazakh. SSR Ser. khim. no. 2:39-49 '60. (MIRA 14:5)
(Karashygan, Lake--Salts)

BEREMZHANOV, B.A.

Physicochemical materials for the study and exploitation of the sulfate
deposit of Lake Karashygan-2. Izv. AN Kazakh. SSR, Ser. khim. no.1:
35-44 '60. (MIRA 13:11)
(Karashygan, Lake--Sulfates)

BEREMZHANOV, B.A.

Karasuat, a thenardite lake. Izv. ZN Kazakh. SSR. Ser. khim. no. 1:6-13
'59. (MIRA 13:6)
(Karasuat Lake (Kazakhstan)--Thenardite)

BERENZ AND G. A.

Equilibria in the system $\text{Na}_2\text{S}-\text{Na}_2\text{SO}_3-\text{H}_2\text{O}$ at temper-
 atures 40-140°. B. A. Berenz and G. A. Gerasimova. *Dokl. Akad. Nauk*
 SSSR, Ser. Khim. 1959, No. 10, 104-51, 11, C.A.
 49: 4498a. The soly. of Na_2S and Na_2SO_3 in H_2O was
 detd. and the results are tabulated at 10° intervals in the
 range of 40-140°. With rise in temp, the concn. of Na_2S
 rises and that of Na_2SO_3 declines. G. M. Kosobokov

4
 Chem
 PM
 mpe

BEREMZHANOV, B.A.

4
✓ Physicochemical study of the salt springs in Chul-Adyr
location. A. R. Dekturov, A. L. Mij, and B. A. Bere-
mzhanov. *Vestnik Akad. Nauk Kazakh. S.S.R.* 11, No.
12, (whole No. 129), 85-92(1956). Analytical data are
given for waters in various locations of saline springs of the
Chul-Adyr area, giving the content of HCO_3^- , SO_4^{2-} , Cl^- ,
Mg, and Ca. Some of the springs are predominantly high in
sulfates, whereas others are predominantly high in chlorides.
G. M. Kozlov

BEREMZHANOV, B. A.

Equilibrium state of the system $\text{Na}_2\text{S}-\text{Na}_2\text{CO}_3-\text{H}_2\text{O}$
 Beremzhanov, B. A., Il'yalova, and A. B. Bekmuratov.
 Izvest. Akad. Nauk Kazakh. S.S.R., Ser. Khim. No. 8, 10-8
 (1955) (in Russian).— Na_2S after recrystn. in H_2 atm. con-
 tained 81.70% Na_2S , 0.60% Na_2CO_3 , and 0.79% NaOH . It
 After dehydration at 110-110 mm. Hg at 180° for 24 hrs. it
 assayed 78.8% Na_2S , Na_2CO_3 assayed 99.84%. Equil. at
 30° was reached in 4 hrs. Solub. of Na_2CO_3 decreases con-
 siderably with increase in concn. of Na_2S . Solub. of Na_2CO_3
 in satd. soln. of Na_2S decreases with increase in temp. 10.16%
 at 30°, 6.7% at 50°, 4.46% at 80°. V. N. Badnarshi

21 ②
 mger

BEKTUROV, A.B.; BEREMZHANOV, B.A.

Solubility in citric acid of the phosphate component of thermophosphates.
Izv.AN Kazakh.SSR Ser.khim.no.2:14-19 '48. (MLRA 9:7)
(Phosphates) (Citric acid)

BERANSKY, J.

TECHNICAL CV

periodicals: PRUNYOL RETRAVER Vol. 9, no. 8, Aug. 1959

BERANSKY, J. Safety valves for refrigeration equipment. (Supplement)
p. 8.

Monthly List of West European Accessions (WAL) 1E Vol. 6, no. 5
May 1959, Unclass.

BULGARIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

218 days if protein content was decreased. Purebred piglets reached this weight level at the ages of 201, 195 and 259 days, respectively. With minimal protein contents, hybrids of White and Derman breeds reached the 150 kg weight level in 197 days, and with normal protein contents in 192 days. When protein contents of fodder were at their maximum, feed unit expenditures per each kg of weight gain as required for the fattening of piglets were at their minimum, and vice-versa. Hybrids required somewhat less fodder per 1 kg of weight gain than pure-bred animals. -- K.M. Lyutikov

Card 3/3

29

Q-2

BULGARIA/Farm Animals. Swine.

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

of digestible proteins per feed unit. Bulgarian White breed piglets and crossbred hybrids of the Bulgarian White breed with the Mangalitsa breed received fodder with the same protein contents as the above-mentioned 3 groups, whereas hybrids of the Bulgarian White breed and the Derman breed received fodder with normal or lowered protein contents. Each test group, formed in accordance with the principles of analogy methods, consisted of 6 piglets weighing 28-30 kg. Computations of consumed fodder and attained weight gains were made according to periods at which the animals reached the weight of: 1) 25-120 kg; and 2) 120-150 kg. Hybrids of the White breeds and the Mangalitsa breeds reached a 150 kg level (starting at 25 kg) at the age of 179 days if their fodder's protein content was increased, at the age of

Card 2/3

BULGARIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

Author : Goergiyev, Isay, Syarov, I., Beremski, St.

Inst : -

Title : Fattening Young Swine with Fodder Containing
Various Amounts of Digestible Proteins per
Feed Unit.

Orig Pub: Zhivotnovodstvo i vet. delo, 1957, 21, No. 9,
11-17

Abstract: One group of piglets received fodder containing
normal amounts of digestible proteins per feed
unit. Another group was given fodder which
contained 20 percent less protein than the norm,
and a 3rd group was fed fodder which contained
20 percent more protein than the norm quantities

Card 1/3

BEREMSKI, S.

BEREMSKI, S. Fattening pigs with poorly concentrated stuffs. p. 22. Vol. 11, no. 11. Nov. 1956. KOOPERATIVNO ZEMEDELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

CSAPO, Jozsef, dr.; JAKICS, Jozsef, dr.; BEREMENYI, Istvan, dr.

Recent studies on the prophylaxis and prevention of spreading
of measles. Gyermekgyogyaszat 12 no.1:1-6 Ja '61.

1. A Laszlo korhaz (igazgato: Roman Jozsef dr.) I. sz.
gyermekosztalyanak kozlemenye.
(MEASLES prev & control)

BEREMCZ. Ferenc

Contribution of octupolar forces to the Van der Waals attractions.
Magy fiz folyoir 8 no.3:207-210 '60. (EEAI 10:1)

1. Egyetemi Elmeleti Fizikai Intozet, Szeged.
(Molecular dynamics) (Helium)
(Atoms) (Quantum theory)

TROITSKIY, V.N.; NAKHAYEV, N.Ye.; SMORODIN, A.I.; BEREMBYUM, G.B.

Causes for the breakdown of air preheaters. Metallurg 8 no.8:
11-12 Ag '63. (MIRA 16:10)

1. Novolipetskiy metallurgicheskiy zavod.

145-50-7-15/20

AUTHOR: Lysenko, A.F., Berelson, F.L., and Terlinskiy, V.B., Engineers

TITLE: On the Revision of GOST 2523-51 "Steel Electrodes for Arc Welding and Fusing" (K peresmotru GOSTa 2523-51 "Elektrody stal'nyye dlya dugovoy svarki i naplavki")

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 7, pp 39-40 (USSR)

ABSTRACT: With reference to an article published by A.A. Yerokhin, "Basic problems of electrode standardization in arc welding", the authors agree generally with the submitted proposal and suggest some additional considerations concerning electrode classification, coating and control. There is 1 table.

ASSOCIATION: Moskovskiy zavod metallicheskih elektrodov (Moscow Plant of Metal Electrodes)

1. Welding electrodes--Standards 2. Arc welding--Electrodes

Card 1/1

BOGDANOV, M.; BUREL'SON, A.; VOLKOV, V.; VOZNESENSKIY, S.; ZELENUKHIN, S.;
IOFE, N.; KORENEV, P.; KRIVINSKAYA, I.; KULAGIN, M.; MARSAVIN, M.;
MINAKOVA, P.; POPOVA, M.; SUKHNEV, S.; SHTALTOVNIY, A.; FALEYEVA, L.
FROKTISTOV, P.; CHULANOVA, M.; YATSYNIN, N.

Obituary. Ptitsevedstvo 9 no.2:48 F '59. (MIRA 12:3)
(Shutov, Nikolai Ivanovich, d. 1958)

BEREL'KOVSKIY, Ts. Ya.

USSR/Geophysics - Prospecting

May/Jun 51

"Electrical Profiling Over an Inclined Contact,"
Ts. Ya. Berel'kovskiy, B. G. Zubanov

"Iz Ak Nauk SSSR, Ser Geofiz" No 3, pp 16-30

Establishes linear relations among potentials of the fld which is excited by point source of const current over inclined contact (45° - 30°) at given point of observation for various positions of source relative to line of contact. Evaluates series which det potentials. Derives approx formulas for potentials and gives graphic data on calcn of the fld. Submitted 5 Jan 51 by Acad O. Yu. Shmidt.

186T40

1954. Importance of the anatomical peculiarities of the sacrum and the bony structure in spinal anesthesia. I. S. Reznik and I. P. Brown. Trans. Kharkovsk. med. inst. 1955, 14, 92-94; *Abstracts* 22, 1955, 1956, abstr. No. 20282. It was demonstrated on 104 adult persons (90 men and 14 women) that the shape and size of the sacral aperture (SA) is difficult to determine during inspection. Two basic shapes of SA were observed: a long narrow and a short wide SA. Length 0.7-0.4 cm., width 1-3.5 cm., height 2-4 mm. In two cases it was completely grown together. The distance between the lower end of the cone of the dura mater and the edge of the SA is 5.0-4.5 cm. If 20-25 ml. of coloring matter (C) was injected through the SA into the spinal canal it may be observed in the epidural space of the sacral and lumbosacral section of the backbone. In one third of the cases C was observed to the level of Th₁₂-Th₁₁. Some of the C also washes round the spinal nerve and the sympathetic cord from both sides. Sacral anesthesia may be used just as effectively as peridural. (Romanian) R. I. P. 1956.

BEREK-PYZIKOWA, Barbara; HOWECKA-TRZEDNICKA, Krystyna

The sex factor in rickets. *Pediatr. Pol.* 49 no. 10: 115-118
1965.

1. Z I Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.
dr. med. R. Baranski).

BEREK-PYZIKOWA, Barbara

Allergoses in children caused by known and widely distributed allergens. Pediat. Pol. 40 no.8:831-835 Ag '65.

1. Z I Kliniki Pediatrycznej AM w Warszawie (Kierownik: prof. dr. med. R. Baranski).

BEREK-PYZIKOWA, Barbara

Management of most severe allergic reactions. Wlad. lek. 18
no. 5:389-393 1 Mr '65

1. Z I Kliniki Pediatricznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. R. Baranski).

BEREKO, A.M.

Characteristics of conditioned reflexes in a protracted course of
dysentery in children. Trudy Khab.med.inst. no.20:23-26 '60.

(MIRA 15:10)

1. Iz kliniki detskikh bolezney (zav. dotsent G.S.Postol)
Khabarovskogo meditsinskogo instituta.

(CONDITIONED RESPONSE) (DYSENTERY)

BEREKO, A.A.

Goiter in children of the Lenin District of Khabarovsk Territory.
Trudy Khab.med.inst. no.20:136-140 '60. (MIRA 15:10)

1. Iz kliniki detskikh bolezney (zav. dotsent G.S.Postol)
Khabarovskogo meditsinskogo instituta.
(LENIN DISTRICT (Khabarovsk Territory)--GOITER)

BEREKASHVILI, V.A.

Euler's and Borel's summation methods for double series. Trudy Mat.
inst. AN Gruz. SSR 24:53-69 '57. (MIRA 11:3)
(Series)

BEREKASHVILI, V.A.

Euler's methods of summation of double series. Soob AN Gruz. SSR
16 no.5:337-342 '55. (MIRA 9:2)

1.Akademiya nauk Gruzinskoy SSR, Tbilisskiy matematicheskiy in-
stitut imeni A.M.Razmadze. Predstavleno akademikom N.I.Muskheli-
shvili. (Series)

BEREKASHVILI, V.A.

Borel's summation of double series. Soob. AN Gruz. SSR 14 no. 4:193-196 '53. (MLRA 7:3)

1. Tbilisskiy gosudarstvennyy universitet im. Stalina. (Series)

WILKOSZEWSKI, Edward; BEREK-FYZIKOWA, Barbara

Reactions following preventive vaccination of children with
allergic diseases. *Pediat. pol.* 38 no.1:15-25 '63.

1. Z I Kliniki Chorob Dzieci AM w Warszawie Kierownik: prof.
dr med. R. Baranski.

(ALLERGY) (VACCINATION) (BCG VACCINATION)
(SMALLPOX VACCINE) (DIPHTHERIA TOXOID)
(TETANUS TOXOID) (PERTUSSIS VACCINE)
(POLIOVIRUS VACCINE) (TYPHOID-PARATYPHOID VACCINES)

MIHALKA, T.; BEREK, S.

Investigations on fleece density in improved Hungarian combing-
wooled merino sheep. Acta agronom Hung 9 no.3/4:291-298 '59.

(EEAI 9:7)

1. Sheep Department of the Research Institute for Animal Breeding,
Budapest.

(Hungary--Merino sheep) (Wool)

BEREK, Laszlo, dr.

Diagnostic value of contrast medium roentgenography of a fistula.
Magy radiol. 13 no.1:19-25 Ja '61.

1. Szegedi Orvostudományi Egyetem Röntgen Klinikájának (igazgató:
Szenes Tibor dr. egyet. tanár) közleménye.
(FISTULA radiog)

SZABO, Rezso, dr.; BEREK, Laszlo, dr.; SEBOK, Zsuzsa, dr.

Data on simultaneous presence of rheumatic fever and subacute
septic endocarditis. Magy. belorv. arch. 13 no.1:1-5 Mr '60.

1. A Szegedi Orvostudományi Egyetem II. sz. Belklinikájának
(igazgató: Julesz, Miklos, dr., egyetemi tanár) közleménye.
(RHEUMATIC FEVER compl.)
(ENDOCARDITIS SUBACUTE BACTERIAL compl.)

BEREK, Jeno

The aid of the Budapest shoemakers is requested. Magy kisipar
7 no.5:2 7 Mr '63.

1. Szegedi cipesz szakosztaly elnöke.

BEHEK, J.; NIEMIEC, J.; TRZEBIATOWSKI, W.

High-temperature laboratory furnaces. p. 458. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EBAL), LC, Vol. 3, No. 12, Dec. 1954
Uncl.

KERTESZ, E.; EREK, G.

Investigations on the compensating capacity in fattening of the Cornwall pig. Acta agronom Hung 13 no.1/2:201-215 '64.

1. Department of Pig Breeding of the Research Institute of Animal Husbandry, Budapest. Submitted September 1, 1963.

BEREK, Gezano

Comparative analysis of the quality of the wool of young and fully developed sheep. Allattenyesztes 11 no.2:177-182 J1 '63.

1. Allattenyesztesi Kutatointezet Juhtenyosztasi Osztalya,
Budapest.

KERTESZ, F.; BEREK, G.; CSIRE, L.

Protein requirement of suckling and weaned piglings. Acta agronom
Hung 9 no.3/4:299-318 '59. (EEAI 9:7)

1. Schweinezuchtteilung des Forschungsinstituts für Tierzucht,
Budapest.
(Hungary--Swine) (Proteins)

HUNGARY / Farm Animals. Swine.

Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21258

Author : Berec, Geza; Farkas, Belane

Inst : Not given

Title : Investigating the Artificial Raising of Nursing
Piglets

Orig Pub : Allattenyeszes, 1957, 6, No 3, 237-242

Abstract : The successfully conducted experiment of raising
"Syrot" nursing piglets with the Danish preparation
Lactal is described; the dry preparation was dissolved
in warm water (1 : 4) and fed from a nursing nipple;
at first the piglets were fed 7 - 10 times daily,
at the age of 2 months they were fed 2 times daily. --
V. A. Kanzyuba

Card 1/1

BERET, G.

AGRICULTURE

PERIODICAL: MASYAR' PEMODALNASAN. Vol. 10, no. 21, Nov. 1955

Beret, G. Current questions on the fattening of pigs. p. 15.

Monthly list of East European Accessions (EEAA) LC. Vol. 8, No. 2,
February 1959, Unclass.

BEREK, G., ADAM. T.

"Double mating by two unrelated boars; hererosperm insemination." p. 180. (AGHARTUDOMNY, Vol. 5, no. 6, June 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

MANYASEK, Z.; BEREK, D.; MICHKO, M.; LAZAR, M.; PAVLENETS, Yu.

Formation and decomposition of hydroperoxides of atactic propylene.
Vysokom.sped. 3 no.7:1104-1109 J1 '61. (MIRA 14:6)

1. Khimicheskiye instituty Slovatskoy akademii nauk, Bratislava.
(Propene) (Peroxides)

LAZAR, M.; PAVLINETS, I.; MANYASEK, Z.; MICHKO, M.; BEREK, D.

Ozonization of atactic polypropylene. Vysokom.soed. 3 no.6:943-947
Je '61. (MIRA 14:6)

1. Khimicheskiye instituty Slovatskoy Akademii nauk, Bratislava.
(Propene) (Ozone)

Formation and decomposition of...

S/190/61/003/007/018/021
E101/B230

where w is the rate of oxidation, the activation energy of the accumulation of peroxides in the polymer was calculated to be 24 - 25 kcal per mole. The induction period observed may be reduced or entirely eliminated by previous accumulation of peroxides, e. g., by treating the polymer with ozone. It was found that the intrinsic viscosity (and therefore also the molecular weight) decreases with increasing concentration of peroxides, regardless to temperature, following the same rules. Decomposition of the peroxides in inert atmosphere takes place as a reaction of second order (Fig. 5). Dependence $1/[ROOH] = f(T)$ is a linear function. Activation energy calculated from the constant of destruction rate amounts to 27 kcal per mole. The same value results from the function $\log (1/t_{\max}) = f(1/T)$, where $t_{\max}$ is the time in which maximum concentration of peroxides is attained. V. B. Miller and M. B. Neyman are mentioned. There are 7 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet-bloc. The reference to English-language publication reads as follows: G. Natta, E. Beati, F. Severini, J. Polymer Sci., 34, 685, 1959.

ASSOCIATION: Chemical Institutes of the Slovakian Academy of Sciences,
Bratislava

Card 3/5

Formation and decomposition of H_2O_2

3/190/61/003/007/018/021
0101/8230

and the iodine released titrated with hyposulfite. The change in molecular weight caused by oxidation was determined viscosimetrically in a decalin solution. Decomposition of peroxides took place at 90 - 120°C in nitrogen atmosphere in sealed ampuls. A study of the oxidation showed that the same was depending on the diffusion of oxygen in the film, herewith on the thickness of the film. At rising temperature, oxidation was faster than the rate of diffusion of O_2 in the film. Optimum film thickness

was found to be 0.1 mm. Fig. 2 shows the kinetic course of oxidation as a function of reaction time. For the initial phase of the reaction the equation: $d[\text{ROOH}]/dt = \alpha[\text{ROOH}]$ (1) is put down, where α is the autocatalytic factor, $[\text{ROOH}]$ is the concentration of peroxides determined experimentally after termination of time t . In the subsequent phases of oxidation α is not constant any longer. The empirical equation: $[\text{ROOH}]_t = \left[\frac{\alpha}{\beta - \gamma} \right] \left[\exp(-\gamma t) - \exp(-\beta t) \right] + [\text{ROOH}]_{\text{init}} \exp(-\gamma t)$ (5) is quoted. α, β, γ are constants. For 100°C. and assuming $\beta = 1.078$, $\gamma = 0.11$, $\alpha = 0.038$, $[\text{ROOH}]_{\text{init}} = 0.385$, the curve was calculated and drawn into Fig. 2 as a dash line. From the linear dependences $\log w = f(1/T)$; $\log w = f(1/T)$,

Card 2/5

158061

207

S/190/61/003/007/018/021
B101/B230

AUTHORS: Maňásek, Z., Berek, D., Mičko, M., Lazar, M., Pavlinec, J.

TITLE: Formation and decomposition of hydroperoxides of atactic polypropylene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 7, 1961, 1104 - 1109

TEXT: Reference is made to the fact that grafting of side chains and thus modification of polymers is possible by formation of macroradicals. Such macroradicals may be formed by decomposition of peroxides formed in the oxidation of polymers. The target of the present paper was therefore to study the conditions of the formation and decomposition of peroxides on the example of atactic polypropylene. Polypropylene was purified by repeated precipitation from an alcohol and isooctane solution by methanol and heating to 160°C in a nitrogen atmosphere. From a 3% solution of polypropylene in isooctane, films 0.1 mm thick were produced on glass plates and oxidized by heating in air at 90 - 120°C. Determination of peroxides took place in nitrogen atmosphere. To the polymer dissolved in chloroform a saturated acetic acid KI solution was added.

Card 1/5

23775

S/190/61/001/006/018/019
B110/B208

Ozenization of atactic polypropylene

of the formation of unstable peroxides at equal total amount of peroxide oxygen, as the latter are exposed to a higher thermal stress. After 1000 hr at room temperature the hydrogenperoxide content decreases by 20 %, all peroxides, however, are already decomposed. There are 5 figures and 6 references: 2 Soviet-bloc and 4 non-Soviet-bloc. The reference to the English-language publication reads as follows: Ref. 1: Natta, J. Polymer Sci., 14, 696, 1959.

ASSOCIATION: Chemical Institutes of the Slovakian AS, Bratislava

SUBMITTED: December 30, 1960

Card 4/B⁴

23475

S/196/61/001/006/018/019
R110/R204

Ozonization of atactic polypropylene

insoluble after ozonization, the latter represent the oxidation initiator. Their oxidation rate is higher from the beginning of the reaction. They are probably formed by cross linking of polymer chains by peroxide groups, hydrogen peroxides and polymeric peroxides which are formed particularly on the film surface. At a certain temperature a maximum concentration of peroxide oxygen cannot be exceeded at arbitrary oxidation time. (Fig.3). Contrary to atmospheric oxidation, it does not decrease in the case of ozonization, the peroxide decomposition rate being equal to the formation rate. This maximum concentration approximately corresponds to the peroxide concentration in the insoluble part of the film. A dynamic equilibrium is assumed to be present in the system because of the destruction of the macromolecules. At a larger sample thickness the maximum peroxide concentration is attained more slowly. A 10 % content of insoluble fractions corresponds to a surface layer of 0.005 mm in a 0.1 mm thick sample. As in this case the formation of insoluble fractions sets in at once at beginning ozonization, the maximum concentration in small samples is attained more rapidly. At higher oxidation temperatures (59°C, 56°C) the insoluble fractions decrease. Presumably hydrogenperoxides are formed at the expense

Card 3/8 4/

Ozonization of atactic polypropylene

2/2/67
W.H.B.

the water in the freeze precipitate, and the solvents were evaporated. 32 mg ozone were formed per 1.0 g of polymer in the ozonizer with 11,000 V and a flow rate of O_3 at 0.5 l/min. The peroxide was determined redox-titally, the viscosities in the capillary viscometer. Samples of different thickness were studied (Fig. 1) with the peroxide content depending on their thickness over the entire range. Later on, however, only 0.11 mm thick films were tested because of the required mechanical strength. Fig. 2 shows the effect of ozone concentration on peroxide accumulation. Fig. 3 illustrates the peroxide-oxygen accumulation between 0 - 60°C. Viscosity tests on ozonized samples in decaline indicate a partial destruction of the macromolecules. The samples were found to be incompletely soluble. Fig. 4 compares the intrinsic viscosities and the peroxide concentration during ozone and atmospheric oxidation. The content of insoluble components depends on time and temperature of ozonization. Ozone acts as an initiator. The increased reaction rate as compared with those of air or oxygen at low temperatures increases the difference between oxidation- and diffusion rate in the film. Surface and thickness considerably affect the rate of peroxide accumulation. As it is approximately proportional to the square root of the increase of the portions

Card 2/4

15 8107

23175
3/19/61/003/006/010/019
B110/2218

AUTHORS: Lazar, M., Pavlyuk, I., Mošanek, Z., Hložek, M., Berek, D.

TITLE: Ozonization of atactic polypropylene

PERIODICAL: Vysokomolekulyarnyye soedineniya, v. 3, no. 6, 1961, 943 - 947

TEXT: One type of polymer modification consists of an incorporation of functional groups which are bound to the principal chain. The peroxides or hydrogenperoxides obtained by ozonization may be important for the production of graft polymers. The authors studied the accumulation of functional hydrogenperoxide groups in atactic polypropylene by means of ozonization carried out quickly and at low temperature. After five-fold precipitation of polypropylene from isooctane by methanol it dissolved colorless in isooctane. Its intrinsic viscosity was 0.11 dl/g (decaline, 25°C). To attain a quick oxidation the films were mounted on cylindrical glass frames. Atactic polypropylene dissolved in a mixture (1 : 1) of low-boiling benzine (boiling point 90°C) and isooctane was poured onto

Card 1/84

BEREK, Barbara; MICHALOWICZ-WOJCZYNSKA, Ewa

Myatonia congenita according to cases observed in the Pediatric
Clinic of the Academy of Medicine in Warsaw. Polski tygod. lek. 16
no.30:1149-1151 J1 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Warszawie; kierownik: prof. dr
med. R. Baranski.

(AMYOTONIA CONGENITA)

BEREK, Barbara; BOGUMIL, Maria; SAWICKA, Elzbieta

A case of Niemann-Pick disease in a 4-month-old infant. Pediat.
polska 35 no.2:216-221 F '60.

1. Z I Kliniki Chorob Dzieci A.M. w Warszawie. Kierownik: prof.
dr.med. R. Baranski i z Zakladu Anatomii Patologicznej A.M. w
Warszawie. Kierownik: prof.dr.med. L. Paszkiewicz.
(LIPOIDOSIS in inf.& child.)

BEREK, Barbara

Evaluation of the results of sandosten therapy of allergic diseases in children. *Pediat. polska* 34 no.8:1061-1066 Aug 59.

1. Z I Kliniki Chorob Dzieci A. M. w Warszawie Kierownik: prof. dr med. R. Baranski)
(ANTI-HISTAMINICS, ther.) (ALLERGY, ther.)

BEREI, Klara

Thin-layer chromatographic analysis of some arsenic compounds
and arsenic compounds. Koz fiz keol MTA (3 no.1:49-53 '65.

1. Submitted November 4, 1964.

NAVY 6 August 1964, 20001, 20001.

Synthesis of ^{60}Co prototype and preparation for its application.
Kishida, Koji. MTA 21 no. 1, 99-101, 1964.

1. Naga Laboratory of Nuclear Chemistry, Central Research
Institute of Physics, Hungarian Academy of Sciences, Budapest.

NAGY, G. Agnes; BEREI, Klara

18

A new method for producing carrier-free F isotopes. Koz fiz
kozl MTA 12 no.1:95-100 '64.

BEREHOIU, Gh. V.

Permanent fistula of the large intestine in ewes; cannulae used.
Studii agr Timisoara 8 no.1/2:137-144 '61.

1. Facultatea agrozootehnica Timisoara.

(Ewes) (Fistula) (Intestines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204800043-6

BEREGSZASZI, Miklos (HG 5 KRP)

From the plans of HG 5 KRP. Radiotechnika 13 no.11:419
N '63.

BEREGSZASZI, Miklos

A simple CQ-automatic adapter. Radiotechnika 12 no.10:329
0 '62.

CEBPA, Corder, α_0 ; BDNF, α_0 ; α_0

of extensions with possible starting and expiration date.
 note: 10. 10.2025-31. 12. 2025

1. *Sitona* (*Sitona*) *truncatellus* (Fischer, *Verhandlungen Naturgesch. Holl., Band 1, dt.*).

HUNGARY

Budapest, Orvosi Hetilap, Vol 104, No 31, 4 Aug 1963, pages 1441-1448.

in the disease. Based on the analysis of the available material it is concluded that W.P.W. syndrome is not merely an esthetic error on the EKG, but an etiological explanation is necessary for each case. Cases which are accompanied by organic heart defects should be treated in accordance with the underlying disease, while the other cases require individual evaluation. 6 Hungarian, 61 Western references.

HUNGARY

KASZAS, Tibor, Dr, BERENYASZ, Gyula, Dr; Medical University of Debrecen, Pediatric Clinic (Debreceni Orvostudományi Egyetem, Gyermekklinika) and City Council of Debrecen, Institute of Heart Care in Schools (Debrecen m. Varos Tanácsa, Iskolai Szívbeteggondozó Intézet).

"The Frequency of W.P.W. Syndrome and its Evaluation in Children and Young Adults."

Budapest, Orvosi Hetilap, Vol 104, No 31, 4 Aug 1963, pages 1441-1448

Abstract: [Authors' Hungarian summary] After a report on the survey of medical literature, the authors describe 24 cases of W.P.W. syndrome which have been followed by them for several years. The frequency of the syndrome is 1.15 per cent among the patient material available to the authors. Two-thirds of the patients are boys, the youngest 3 1/2 years old. Eleven of the patients were without symptoms. Eight patients had organic heart defects (congenital or carditis). In one of the cases the disease developed and later became chronic after scarlet-fever carditis, in another case, a child with combined heart defects, the syndrome manifested itself periodically, a few days before death. Autopsy was performed on this patient. Paroxysmal tachycardia occurred in 4 cases. The effect of stress, atropine, hyperventilation, carotid-sinus compression, the Valsalva test, and the ocular reflex on the EKG graph of patients with W.P.W. syndrome has been investigated. Neurological and EEG tests were made to study the role of the nervous system

1/2

KOVER, B.; BERECSZASZI, Gy.

On the 24-hour rhythm of heat production in premature infants.
Acta pediat. 4. no.1:23-31 '63.

1. Kinderklinik (Direktor: Prof. Dr. L. Kulin) der Medizinischen
Universitat Debrecen.

(BODY TEMPERATURE) (INFANT, PREMATURE)
(PERIODICITY)

CSABA, B.; BEREGSZASI, Gy.; KOVER, A.; CSONGOR, J.; SZILAGYI, T.

The histamine content of guinea pig ileum in Schultz-Dale reaction.
Acta Physiol. Acad. Sci. Hung. 20 no.2:165-170 '61.

1. Institute of Pathophysiology and Institute of Physiology, Medical
University, Debrecen.

(HISTAMINE metab) (ILEUM metab)(ALLERGY metab)

BORNEMISZA, Gy.; BERECSZASZI, G.; FURKA, I.; NAGY, Z.

Lymph circulation in auto-alloplastic thoracic plombs. Acta Chir.
Acad. Sci. Hung. 2 no.4:445-452 '61.

1. Institute of Surgical Anatomy and Operative Surgery, University
Medical School, Debrecen (Head: Gy. Bornemisza)

(LYMPHATIC SYSTEM) (THORAX surgery)
(RESINS) (NYLON)

KOVER, A.; BERECSZASZY, Gy.; MOLNAR, Gy.; WENT, I.

Pressor-depressor counterregulation in experimental hypertension induced by various methods. Acta physiol.hung. 18 no.1:37-45 '60.

1. Institute of Physiology, Medical University, Debrecen.
(HYPERTENSION exper)
(BLOOD PRESSURE, physiol)

BEREGSZASZI, Gy.; GOOZ und E. SZUCS

Studies on periodic activity in frog heart preparations induced by continuous stimulation of the bulbar vagus center. Acta physiol. hung. 14 no.3:255-264 1958.

1. Physiologisches Institut der Medizinischen Universität, Debrecen.

(NERVES, VAGUS, physiol.

continuous stimulation of bulbar vagus center inducing periodic activity in frog heart prep. (Ger))

(MEDULLA OBLONGATA, physiol.

same)

(HEART, physiol.

periodic activity in frog heart prep. induced by continuous stimulation of bulbar vagus center (Ger))

BEREG, L.

Determination and significance of the steering matter of married
tractors and groups of machines led by women. p. 231. *TRAVEL*
1920GABAS (1) GABAS. Vol. 2, no. 6, Aug. 1955. Budapest.

SOURCE: East European Accessions List (EAL), 10, Vol. 5, no. 2, P. 1, 1956.

Attenuation in Wire-Broadcasting Lines (ont.)

CON/266

Equipment for operational attenuation	36
Measurements and its application	36
Station equipment	41
Portable equipment	41
Prospectives in the Utilization of the Telemetric Method For Determining Attenuation	46

AVAILABLE: Library of Congress

Card 4/4

JP/gap
1-20-60

Attenuation in Wire Broadcasting Lines (Cont.)	504/2865
Determination of Attenuation Magnitude	15
Methods of Measuring Attenuation in Wire Broadcasting Lines	22
Application of Telemetering Technique for Determining Attenuation	26
Advantages of telemetering	26
Basic principles of telemetering	26
Selection of the telemetering method	27
Telemetering communication channel	28
Telemetric Method of Determining Attenuation	29
General observations	29
Circuit of the voltage balance	30
Circuit of the current balance	32
Utilization of the Current Energy in Broadcasting for Measuring Attenuation	34
Card 3/4	

Attenuation in Wire Broadcasting Lines (Cont.)

BIV/2865

broadcast networks are presented. Simplified methods of computing attenuation in various types of lines and an evaluation of errors in the existing methods are given. A new telemetering method for determining attenuation is investigated and its particular features, methods of application and prospects for its utilization are examined. The recommendations suggested by the authors are based on experience in operating the measuring equipment described in this booklet in the networks of the Kiyev DRTS. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Foreword	3
Introduction	4
Broadcasting Frequency Ranges	5
Characteristic of Various Wire Broadcasting Lines	6
Passage of Current in Wire Broadcasting Lines	9
Card 2/4	

6(4,7)

PHASE I BOOK EXPLOITATION

SCW/2865

Beregovskiy, Yakov Mikhaylovich and Isidor Leonovich Gornal'tsin

Zatukhaniye v liniyakh provodnogo veshchaniya i metody yego izmereniya
(Attenuation in Wire-Broadcasting Lines and Methods of Its Measuring)
Moscow, Svyaz'izdat, 1959. 49 p. (Series: Lektsii po tekhnike svyazi)
11,200 copies printed.

Sponsoring Agency: Ministerstvo svyazi SSSR. Tekhnicheskoye upravleniye.

Resp. Ed.: V.I. Shanurenko; Ed.: V.I. Bashchuk; Tech. Ed.: K.G.
Markoch.

PURPOSE: The booklet is intended for skilled technical personnel employed in
radio broadcasting.

COVERAGE: This is one of a series of lectures on communications technique. It is
devoted to problems of measuring attenuation in wire broadcasting lines. Basic
data on permissible standards of attenuation in separate sections of wire

Card 1/4

BEREGOVSKIY, Ya. M.

USSR/Electricity

Card 1/1 : Pub. 133 - 7/20

Authors : ~~Beregovskiy, Ya. M.~~; Dzyuba, N. P.; Gornshteyn, I. L.; and Zal'tsman, M. M.

Title : Measuring the attenuation of feeder lines of a radio broadcasting and receiving system

Periodical : Vest. svyazi 10, 12-15, Oct 54

Abstract : The inadequacy of contemporary methods for measuring the attenuation of feeder lines of a radio rebroadcasting system is pointed out and new methods, which permit more accurate measurement of the above mentioned system, are given. Diagrams; graph.

Institution : ...

Submitted : ...

BEREGOVSKIY, Ya.I.

Processing of holiday telegrams. Vest. sviazi 22 no.10:13 0
'62. (MIRA 15:11)

1. Nachal'nik Orenburgskoy telegrafno-telefonnoy kontory.
(Telegraph--Employees)

BEREGOVSKIY, Ya.I.

Communications workers give good service to agricultural laborers. Vest. svyazi 16 no.12:19 D '56. (MLRA 10:2)

1. Nachal'nik Chkalovskogo telegrafa i mezhdugorodnoy telefonnoy stantsii.
(Chkalov Province--Telecommunication)

BORISENKO, P.M., inzhener; LUNEV, P.A.; OLENEV, A.P., BEREBOVSKIY, Ya.I.

Organizing the transmission of holiday telegrams. Vest. svyazi 15
no.10:17-19 0 '55. (MLRA 9:2)

1.Otdel elektrosvyazi Stavropol'skogo krayevogo upravleniya svyazi
(for Borisenko). 2. Nachal'nik Sevastopol'skogo telegrafa (for Lu-
nev).3.Nachal'nik dispetcherskogo uzla GUMTS pri Alma-Atinskoy
telegrafe (for Olenov).4.Nachal'nik Chkalovskogo telegrafa i MTS
(for Berebovskiy). (Telegraph) (MLRA 9:2)

BEREGOVSKIY, V.Ye.; VASILENKO, M.I.; VELLER, R.L.; VERBLOVSKIY, A.M.;
 VERDER, D.F.; VOYDALOVSKAYA, Ye.N.; VOL'SKIY, A.N.; GLAZKOVSKIY, A.A.;
 GRANOVSKIY, B.L.; GREYVER, N.S.; GUDIMA, N.V.; DOLGOPOLOVA, V.I.;
 KARCHENSKIY, V.A.; KOVACHEVA, Ye.B.; KUDRYAVTSEV, P.S.; LEBEDEV, A.K.;
 LISOVSKIY, D.I.; LIKHNITSKAYA, Z.P.; MATVEYEV, N.I.; MEL'NITSKIY, A.N.;
 MIRONOV, A.A.; MIKHEYEVA, A.A.; MURACH, N.N.; OKUN', A.B.; OL'KHOV, N.P.;
 OSIPOVA, T.B.; PAVLOV, V.P.; ROTINYAN, A.L.; SAZHIN, N.P.; SEVRYUKOV, N.N.;
 SIDOROV, P.M.; SOBOL', S.I.; KHEYFETS, V.L.; TSEYNER, V.M.;
 SHAKHNAZAROV, A.K.; SHEYN, Ya.P.; SHEREMET'YEV, S.D.; SHERMAN, B.P.;
 SHISHKIN, N.N.; SHLOPOV, A.P.

Georgii Ivanovich Blinov. TSvet.met. 28 no.6:62 N-D '55.
 (MIRA 10:11)
 (Blinov, Georgii Ivanovich, 1911-1955)

TRITTSKIY V.A.; KHAMUKHANOV, M.Z.; DADAZHANOV, A.M.; ABULKADIMOV, M.Z.;
BEREGOVSKIY, V.N.

Welding transformers with two means of control. Izv. Akad. Nauk
tekh. nauk 8 no.6:41-47 '64. (RUSSIAN)

1. Uzbekskiy nauchno-issledovatel'skiy institut energetiki i
avtomatiki.

TROITSKIY, V.A.; KHAMUDKHANOV, M.Z.; BEREGOVSKIY, V.I.; DZHALILOV, M.Kh.

Welding transformer with magnetic commutation of the turns of
the control winding. Izv. AN Uz. SSR. Ser. tekhn. nauk 8
no.1:7-15 '64. (MIRA 17:6)

1. Institut energetiki i avtomatiki Goskomiteta na energetike
i elektrifikatsii SSSR.

BEREGOVSKIY, V.I., referent

Continuous converting process of copper matte. TSvet. met. 38
no.9:85-86 S '65. (MIRA 18:17)

BELEGOVSKIY, V.I.; PEN'KO, A.S.

Characteristics of the design and the flow sheet used in the
new nickel plant in Thompson, Canada. TSvet. met. 37 no. 6:90-
94 Je '64. (MIRA 17:9)

BEREGOVSKIY, V.I.

[Nickel and its importance for the national economy] Nikel'
i ego znachenie dlia narodnogo khoziaistva. Moskva, Izd-vo
Metallurgii, 1964. 51 p. (MIRA 17:6)

BEREGOVSKIY, V.I.

Technological innovations in the metallurgy of heavy nonferrous metals
in foreign countries. TSvet. met. 36 no.11:92-94 N '63. (MIRA 17:1)

BEREGOVSKIY, V.I.; BREGMAN, R.V.; DANILOVA, L.A.; KOZYREV, V.S.;
TARASOV, B.Ye.; TEPER, V.S.; FOMINYKH, Ye.G.; LIBERMAN,
S.S., red.; KOROVINA, N.A., tekhn. red.

[Complete use of pyritic cinders] Kompleksnoe ispol'zova-
nie piritnykh ogarkov. Moskva, Metallurgizdat, 1963. 71 p.
(MIRA 17:3)

ZUBAREV, V.I.; BEREHOVSKIY, V.I.; FIGURKOV, I.V.

Transfer to oxygen-blown smelting of the Almalyk Copper Smeltery
and an increase in its capacity. TSvet. met. 36 no.8:6-9
Ag '63. (MIRA 16:9)
(Almalyk--Copper industry) (Oxygen--Industrial applications)

BEREGOVSKIY, Vladimir Iosifovich; GOLYNSKIY, M.S., red.; KOVALEVSKIY,
M.A., red.izd-va; KOROVINA, N.A., tekhn. red.

[Copper and its significance for the national economy] Med'
i ee znachenie dlia narodnogo khozhaistva. Moskva, Metal-
lurgizdat, 1963. 48 p. (MIRA 17:3)

BEREGOVSKIY, V.I.

Zinc production in shaft furnaces with the simultaneous obtaining
of lead. TSvet. met. 36 no.7:95-96 J1 '63. (MIRA 16:8)
(Nonferrous metals--Metallurgy)

BEREGOVSKIY, V.

Reduction of oxygen-containing copper by converted gas (from
"Journal of Metals," no.8, 1961). TSvet.met. 36 no.2:93-94
F '63. (MIRA 16:2)
(United States--Copper--Metallurgy)

KUZNETSOV, V. D.; BEREGOVSKIY, V. I.

Technical progress in the conversion of copper mattes; review
of foreign literature. TSvet. met. 35 no.10:88-93 0 '62.
(MIRA 15:1C)

(Copper--Metallurgy)

BEREGOVSKIY, V.I.

Electrolytic refining of nickel matte at the Thompson plant
(Canada) (from "Metall. Bulletin no.4630, 1961). TSvet.met.
35 no.8:90 Ag '62. (MIRA 15:8)
(Canada--Nickel--Metallurgy)

BEREGOVSKIY, V.I.

Investigation on the roasting of nickel concentrates in a fluidized bed at the Copper-Cliff Plant in Canada (from "Canadian Mining and Metallurgical Bulletin," no.586, 1961). TSvet. met. 35 no.5: 86-87 My '62. (MIRA 16:5)

(Nickel ores) (Fluidization)